

UNITED STATE ENVIRONMENTAL PROTECTION AGENCY  
REGION 5

IN THE MATTER OF:

Rouge Steel Company  
Dearborn, Michigan

PROCEEDING PURSUANT O SECTION  
113(a)(3) OF THE CLEN AIR ACT, AS  
AMENDED, 42 U.S.C. §7413

NOTICE OF VIOLATION

EPA-5-99-MI-7

**STATUTORY AUTHORITY**

This Notice of Violation is issued pursuant to Section 113(a)(1) of the Clean Air Act, 42 U.S.C. § 7413(a)(1). You are hereby notified that the Administrator of the United States Environmental Protection Agency (U.S. EPA), by authority duly delegated to the undersigned, finds that Rouge Steel Company, is in violation of the Michigan State Implementation Plan (SIP).

**REGULATORY BACKGROUND**

1. Michigan Rule R 336.1301, Rule 301, was approved by the U.S. EPA on June 11, 1992, as part of the State Implementation Plan (SIP) for Michigan. 57 Fed. Reg. 24752, 24756. The Rule became federally enforceable July 13, 1992.

2. Rule 301 states that a person shall not cause, or permit to be discharged into the outer air from a process or process equipment a visible emission of a density greater than a 6-minute average of 20 percent opacity, except for one (1) 6-minute average per hour of not more than 27 percent opacity.

3. Michigan Rule R 336.1364, Rule 364, was approved by the U.S. EPA on June 11, 1992, as part of the federally enforceable SIP for Michigan. 57 Fed. Reg. 24752, 24756. The Rule became effective July 13, 1992.

4. Rule 364 regulates emissions from Basic Oxygen Furnace (BOF) operations. It states that a person shall not cause or permit to be discharged to the outer air, from a basic oxygen furnace secondary control device or from a BOF shop roof monitor, a visible emission with a density of more than 20 percent opacity. Compliance shall be determined using reference method 9C (i.e., three minute average).

**FINDINGS OF VIOLATION**

5. The U.S. EPA observed violations of Michigan Rule 301 as follows:

**Blast Furnace B Roof Monitor**

Date	Time	Reading	Limit
September 30, 1998	10:07 - 10:12	29	20%

**Blast Furnace C Roof Monitor**

Date	Time	Reading	Limit
September 9, 1998	08:21 - 08:26	29%	20%
	08:27 - 08:32	36%	

**Blast Furnace C Gas Bleeder**

Date	Time	Reading	Limit
September 9, 1998	08:02 - 08:07	39%	20%
	08:08 - 08:13	39%	
	08:14 - 08:19	35%	
	08:10 - 08:25	32%	
	08:26 - 08:31	38%	
	08:32 - 08:37	37%	
	08:38 - 08:43	43%	
	08:44 - 08:49	34%	
	08:50 - 08:55	36%	
	08:56 - 09:01	31%	

**Blast Furnace Stove Stack**

<b>Date</b>	<b>Time</b>	<b>Reading</b>	<b>Limit</b>
September 29, 1998	08:10 - 08:15	38%	20%
	08:16 - 08:21	36%	
	08:22 - 08:27	34%	
	08:28 - 08:33	31%	
	08:34 - 08:39	32%	
	08:40 - 08:45	31%	

**BOF ESP Stack**

<b>Date</b>	<b>Time</b>	<b>Reading</b>	<b>Limit</b>
September 9, 1998	12:06 - 12:11	35%	20%
September 16, 1998	14:55 - 15:00	32%	20%

6. U.S. EPA observed violations of Michigan Rule 364 as follows:

**BOF ROOF MONITOR**

<b>Date</b>	<b>Time</b>	<b>Reading</b>	<b>Limit</b>
September 8, 1998	11:02 - 11:04	49%	20%
	11:35 - 11:37	24%	
	12:08 - 12:10	24%	
	12:32 - 12:34	38%	
	13:14 - 13:16	21%	
September 9, 1998	10:22 - 10:24	26%	20%
	10:58 - 11:00	37%	
September 14, 1998	11:29 - 11:31	31%	20%
	11:32 - 11:34	68%	
	11:35 - 11:37	49%	
	11:38 - 11:40	22%	

Date	Time	Reading	Limit
September 16, 1998	14:00 - 14:02	23%	20%
	14:03 - 14:05	25%	
	14:54 - 14:56	25%	
September 29, 1998	09:35 - 09:37	30%	20%
	09:53 - 09:55	21%	
	10:05 - 10:07	66%	
	10:08 - 10:10	30%	
	10:29 - 10:31	22%	
September 30, 1998	11:07 - 11:09	62%	20%
	11:28 - 11:30	35%	
	11:31 - 11:33	21%	
October 28, 1998	07:41 - 07:43	48%	20%
	08:40 - 08:42	36%	
	08:46 - 08:48	38%	
	12:41 - 12:43	32%	
	12:44 - 12:46	34%	
	13:04 - 13:06	31%	
	13:07 - 13:09	25%	

### FINDING OF VIOLATION

The Administrator of the U.S. EPA, by authority duly delegated to the undersigned, notifies the State of Michigan and Rouge Steel Company that Rouge Steel Company is in violation of the Michigan SIP as set forth in this Notice of Violation.

12/23/98

Date



Stephen Rothblatt, Acting Director